10/535,062

Art Unit:

2617

AMENDMENTS TO THE CLAIMS:

This listing of the claims will replace all prior versions, and listings, of the claims in this

application.

Please cancel claims 4, 7, 16, 23-27, 32-40, 43, and 46 without prejudice or disclaimer.

Listing of Claims:

1. (Currently Amended) A method comprising:

sending to a digital broadcast receiver through a digital broadcast network message

detection data, said message detection data comprising at least one individual address

corresponding to said digital broadcast receiver, to allow that allows said digital broadcast

receiver to identify messages broadcast through said digital broadcast network, said message

detection data also comprising, for each individual address, at least one associated key, with

at least one individual address-corresponding to said-digital broadcast receiver where the

messages comprise at least one of messages derived from a different network and messages

emanating from a different network, wherein said message detection data is encrypted using a

key associated substantially uniquely with said digital broadcast receiver;, and

decrypting said message detection data with said key associated substantially uniquely

with said digital broadcast receiver at said digital broadcast;

storing said decrypted message detection data for use in said digital broadcast receiver

so as to configure said digital broadcast receiver to detect messages individually addressed

thereto and received through said digital broadcast network;

wherein said message detection data comprises at least one of message detection data

which is encrypted using a substantially unique key associated with said digital broadcast

receiver and message detection data-including identity-data corresponding to an individual

identification code stored in said digital broadcast receiver, wherein the method is a method of

2

10/535,062

Art Unit:

2617

configuring said digital broadcast receiver to receive individually addressed messages through said digital broadcast network

sending a message from said digital broadcast network to said digital broadcast receiver, said message comprising one of said at least one individual address and message contents encrypted with one of said at least one associated key; and

<u>decrypting said message at said digital broadcast receiver using said stored message</u> <u>detection data.</u>

- 2. (Currently Amended) A method according to claim 1, wherein said messages comprise multimedia messaging service MMS messages.
- 3. (Previously Presented) A method according to claim 1, wherein said digital broadcast receiver comprises a set top box.
- 4. (Cancelled).
- 5. (Currently Amended) A method according to claim 1, wherein said digital broadcast receiver has <u>an said</u> individual identification code stored therein, and said method includes identifying said <u>individual identification code</u> <u>identity data</u> and selectively storing in said digital broadcast receiver said <u>message</u> detection data corresponding to said stored <u>individual identification code</u> <u>identity data</u>.
- 6. (Previously Presented) A method according to claim 1, wherein said at least one individual address corresponds to an individual identification code of said digital broadcast receiver.
- 7. (Cancelled).
- 8. (Previously Presented) A method according to claim 1, wherein said address comprises a group address for a message multicast through said digital broadcast network.
- 9. (Previously Presented) A method according to claim 1, wherein said message detection

10/535,062

Art Unit:

2617

data includes a plurality of addresses associated with an individual identification code of said digital broadcast receiver and decryption keys associated with individual ones of said addresses.

10. (Currently Amended) An apparatus comprising:

a digital broadcast receiver, the digital broadcast receiver comprising:

a receiver configured to receive message detection data for receiving through a digital broadcast network message detection data, said message detection data comprising at least one individual address corresponding to said digital broadcast receiver, to allow said that allows a digital broadcast receiver to identify messages broadcast through said digital broadcast network, said message detection data also comprising, for each individual address, at least one associated key, with at least one individual address corresponding to said digital broadcast receiver where the messages comprise at least one of messages derived from a different network and messages emanating from a different network, wherein said message detection data is encrypted using a key associated substantially uniquely with said digital broadcast receiver; and

a decrypter configured to decrypt said message detection data with said key associated substantially uniquely with said digital broadcast receiver at said digital broadcast receiver; and

a memory <u>configured to store</u> for storing said message detection data <u>after decrypting</u> in said digital broadcast receiver so as to configure said digital broadcast receiver to detect <u>messages individually addressed thereto</u> and received through said digital broadcast network: for use in said digital broadcast receiver to detect <u>messages addressed thereto</u>,

said digital broadcast receiver configured to receive a message from said digital broadcast network, said message comprising one of said at least one individual address and message contents encrypted with one of said at least one associated key; and

said digital broadcast receiver configured to decrypt said message using said message detection data stored in said memory

10/535,062

Art Unit:

2617

which is encrypted using a substantially unique key associated with said digital broadcast receiver and message detection data including identity data corresponding to an individual identification code stored in said digital broadcast receiver, the digital broadcast receiver being configurable for receiving individually addressed messages through the digital broadcast network.

- 11. (Cancelled).
- 12. (Currently Amended) A method comprising:

receiving specific message detection data corresponding to a substantially unique key associated with and individually characterizing a digital broadcast receiver, said message detection data comprising at least one individual address corresponding to said digital broadcast receiver and, for each individual address, at least one associated key,

encrypting at least part of said message detection data with said substantially unique key thereby to allow said digital broadcast receiver to identify messages broadcast through a digital broadcast network with <u>one of said</u> at least one individual address corresponding to said digital broadcast receiver, where the messages comprise at least one of messages derived from a different network and messages emanating from a different network, and

sending said encrypted message detection data to said digital broadcast receiver through said digital broadcast network for storage in said digital broadcast receiver to configure said digital broadcast receiver to detect messages addressed individually thereto and sent through said digital broadcast network, wherein the method is a method of operating said digital broadcast network to configure said digital broadcast receiver to receive individually addressed messages through said digital broadcast network; and

sending a message from said digital broadcast network to said digital broadcast receiver, said message comprising one of said at least one individual address and message contents encrypted with one of said at least one associated key.

10/535,062

Art Unit:

2617

13. (Cancelled)

14. (Currently Amended) A method according to claim 12, wherein said specific message

detection data corresponds to an individual identification code for said digital broadcast

receiver and the method includes including said individual identification code in said

message detection data.

15. (Currently Amended) A method according to claim 12, wherein said message is a

multimedia messaging service message specific data comprises information that corresponds

to at least one address for MMS messages for association with said digital broadcast receiver,

and the method includes providing said at least one address in said message detection data.

16. (Cancelled).

17. (Currently Amended) A method according to claim 12, wherein said specific message

detection data includes a plurality of addresses associated with said identity and decryption

keys associated with said plurality of addresses individually, and the method includes

providing said plurality of addresses and said keys in the message detection data.

18. to 27. (Cancelled).

28. (Currently Amended) A digital broadcast network comprising:

a receiver configured to receive message detection for receiving specific data

corresponding to a substantially unique key associated with and individually characterizing a

digital broadcast receiver, said message detection data comprising at least one individual

address corresponding to said digital broadcast receiver and, for each individual address, at

least one associated key;

an encrypter for encrypting at least part of said message detection data with said

substantially unique key thereby to allow said digital broadcast receiver to identify messages

broadcast through a digital broadcast network with at least one individual address

corresponding to said digital broadcast receiver, wherein said messages comprise at least one

6

10/535,062

Art Unit:

2617

of messages derived from a network different from said digital broadcast network and messages emanating from a network different from said digital broadcast network; and

a sender for sending said encrypted message detection data to said digital broadcast receiver through said digital broadcast network for storage in said digital broadcast receiver to configure said digital broadcast receiver to detect messages addressed individually thereto and sent through, wherein said messages comprise at least one of messages derived from a network different from said digital broadcast network and messages emanating from a network different from said digital broadcast network, said digital broadcast network being operable to configure said digital broadcast receiver to receive individually addressed messages through said digital broadcast network the sender configured to send a message from said digital broadcast network to said digital broadcast receiver, said message comprising one of said at least one individual address and message contents encrypted with one of said at least one associated key.

- 29. (Currently Amended) A digital broadcast network according to claim 28, <u>configured</u> adapted to send <u>multimedia messaging service</u> MMS messages to a set top box.
- 30. (Currently Amended) A digital broadcast network according to claim 28, wherein said messages are multimedia messaging service messages comprise MMS messages.
- 31. (Currently Amended) A digital broadcast network according to claim 28, wherein said specific message detection data corresponds to an individual identification code for said digital broadcast receiver and the digital broadcast network is arranged to include said individual identification code in said message detection data.
- 32. to 40. (Cancelled)
- 41. (Currently Amended) An apparatus A digital broadcast receiver according to claim 10, wherein said messages comprise multimedia messaging service messages messages comprise MMS messages.
- 42. (Currently Amended) An apparatus A digital broadcast receiver according to claim 10,

10/535,062

Art Unit:

2617

wherein said digital broadcast receiver comprises a set top box.

43. (Cancelled).

44. (Currently Amended) An apparatus A digital broadcast receiver according to claim 10,

wherein said digital broadcast receiver has an said individual identification code stored therein,

and said digital broadcast receiver includes an identifier for identifying said individual

identification code identity data and a memory for selectively storing in said digital broadcast

receiver said message detection data corresponding to said stored individual identification code

identity data.

45. (Currently Amended) An apparatus A digital broadcast receiver according to claim 10,

wherein said at least one individual address corresponds to an individual identification code of

said digital broadcast receiver.

46. (Cancelled).

47. (Currently Amended) An apparatus A digital broadcast-receiver according to claim 10,

wherein said address comprises a group address for a message multicast through said digital

broadcast network.

48. (Currently Amended) An apparatus A digital broadcast receiver according to claim 10,

wherein said message detection data includes a plurality of addresses associated with an

individual identification code of said digital broadcast receiver and decryption keys associated

with individual ones of said addresses.

49. (Currently Amended) An apparatus A digital broadcast receiver according to claim 10,

wherein said digital broadcast receiver is integrated into a display device that displays a video

portion from a message received by the digital broadcast receiver.

50. (New) A method comprising:

receiving message detection data through a digital broadcast network, said message

detection data comprising at least one individual address corresponding to said digital broadcast

receiver, to allow said digital broadcast receiver to identify messages broadcast through said

8

10/535,062

Art Unit:

2617

digital broadcast network, said message detection data also comprising, for each individual address, at least one associated key, where the messages comprise at least one of messages derived from a different network and messages emanating from a different network, wherein said message detection data is encrypted using a key associated substantially uniquely with said digital broadcast receiver;

decrypting said message detection data with said key associated substantially uniquely with said digital broadcast receiver at said digital broadcast receiver;

storing said message detection data after decrypting in said digital broadcast receiver so as to configure said digital broadcast receiver to detect messages individually addressed thereto and received through said digital broadcast network;

receiving a message from said digital broadcast network, said message comprising one of said at least one individual address and message contents encrypted with one of said at least one associated key; and

decrypting said message using said message detection data stored in said memory.

- 51. (New) A method according to claim 50, wherein said message comprises an MMS message.
- 52. (New) A method according to claim 50, wherein said digital broadcast receiver comprises a set top box.
- 53. (New) A method according to claim 50, wherein said digital broadcast receiver has an individual identification code stored therein, and said digital broadcast receiver includes an identifier for identifying said individual identification code, the method comprising selectively storing in a memory in said digital broadcast receiver said message detection data corresponding to said stored individual identification code.
- 54. (New) A method according to claim 50, wherein said at least one individual address corresponds to an individual identification code of said digital broadcast receiver.
- 55. (New) A method according to claim 50, wherein said address comprises a group address

Serial No.: 10/535,062 Art Unit: 2617

for a message multicast through said digital broadcast network.

56. (New) A method according to claim 50, wherein said message detection data includes a plurality of addresses associated with an individual identification code of said digital broadcast receiver and decryption keys associated with individual ones of said addresses.